

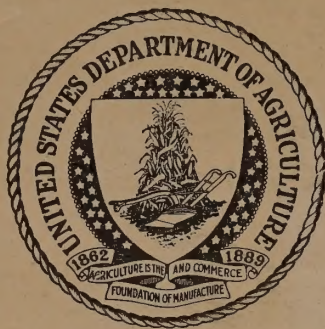
127

D732

V.4

Miscellaneous.

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43158

A view to starboard in San Francisco Bay from the deck of the S.S. Orient Grant as we steamed to ward The Golden gate.

INV. '80



43159

The gate post. As it were of Golden gate to starboard as we passed through and on out to sea en route to Orient

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63164 Looking along a portion of Waikiki beach. In the foreground is an outrigger canoe and a little farther on bathers a few in the water but more lounging in the sand.



43165 Along the beach at Waikiki, Honolulu, one of the famous beaches of the world. This is a somewhat nearer view of the bathers whom is shown in picture #43164.



43168 View from the deck of the S.S. President Grant of the clock tower and portions of the wharf at Honolulu as we backed out from the pier #7 preparatory to steaming out of the Harbor on our last stage of the trip to Yokohama, Japan.



43170 View taken from the deck of the S.S. President Grant as we were backing away from the mooring, at pier #7 at Honolulu showing the pier, a portion of the city, and the mountains beyond.



43171 This view taken shortly after
43170 shows pier #7, more of the city
of Honolulu than 43170 also maintains
in the back ground extending to the
right.

43172 View from the port deck
of the S. S. President Grant on
his way out of Honolulu harbor.
To the left on dry docks and in
the back ground Diamond Head.



44027 View showing the base of a huge Ginkgo tree being
 moved along one of the main streets in Tokyo. The clump
 of dirt and roots, which are covered with rice straw mats. Measure
 18 feet in across, from the base or bottom to where the tree is cut back
 is 5.4 feet. The diameter of the trunk about 3 feet above the ground
 level is 5.4". This is the largest tree we have seen being moved.
 See 44028-9.



44028 View of the top part of the large Ginkgo
tree shown in picture #44027 and 44029



44029 A fairly close up view of a portion of the trunk of the large Sinko tree which is being moved. See picture 44027-28



44030 A side view of the large tree 4'-6' in circumference which is being moved along the streets of Tokyo for almost a mile. See pictures # 44027, 44028, 44029, which were made a week or so ago. The contract price for moving and resetting is Yen 2,570 and the gentleman who has the contract is Mr. Cho Kurosto, 27 Dugamo Cho Sawcho-me Dugamo Cho, Tokyo, Japan.



44031 A nearby view of a portion of the trunk and balled roots of this large tree. Mr. Suyetake is standing on the cribbing by the trunk. See pictures #44030-32



44032 View of the trench and hole dug to get the large Ginko tree up and on skids and cribbing. This is across from the Sankaido building, the trench is 24 feet across and 6 feet deep. See pictures # 44030-31 also 44027-28 and 29



44058 A snap shot view of the huge historical
Ginkgo tree, as it is being turned to pull into place for raising
in the grounds of the new Parliament Building. See picture
#44059



44059 View of the hole or excavated space from a position near the left of the base of the large Ginkgo tree shown in picture # 44055. This is where this tree is to be replanted.



Yesterday 44083 This tree was raised into position
 we were on a field trip and did not
 get to see a lot of pictures of its being raised into position.
 The old back group is the New Parliament Building
 in course of construction. See # 44084-5



44084

View of the large Ginkgo tree raised into position from a position on the hill above, which will later be graded away. This picture shows the level of the ground at the base of the tree. See #s 44083-5



44071 rice cakes on rice straw mats
and mats of reeds drying in the sun



44102 dirt mat bundle
with straw 15' high



44104 View of a portion of the
thatched roof and ridge
of iris, lilies and grass



on the ridge of the house, left are lilies and grass
right 44106, are fern and iris

It was between 4 and 5 o'clock in the evening of a quite warm day that this picture of a portion of a bamboo shoot was taken. The tips of all the growing points, like this, contained small globules of water which sparkled in the evening ^{sun} shine like pearls. If it had been in the early morning we would have called them dew drops, and



passed it 44112 up as such. But being in the evening of a hot day ^{we} were surprised to see this and tried recording the observation in a picture.

44113 This surely is the land of Kudzu, for one finds it almost everywhere. This picture was taken near Gatumbo, Japan.



44126

Showing lilies, grass and ferns growing on the ridge of the house.



44127

Showing lilies, grass and other plants on the ridge of the house.



View of the ridge of a thatched roof showing lilies and iris is a hinder

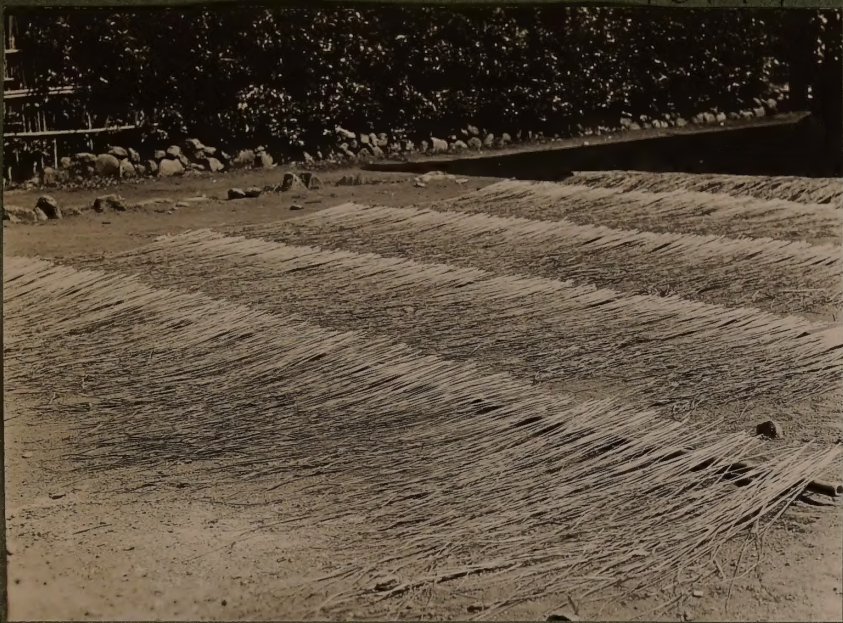
44128

growing on the ridge



View of iris and blooming lilies on the ridge of a grass thatched roof, near Yamakita, Japan.

44143



near Yamakita, Japan. View of
grass drying in a Japanese yard.
This grass grows in the mountains
and is used special mat making



44149. This picture is much
like #44148 but
slightly different.

Three batches of 44148 noodles are hanging to
dry on bamboo pegs see 44149

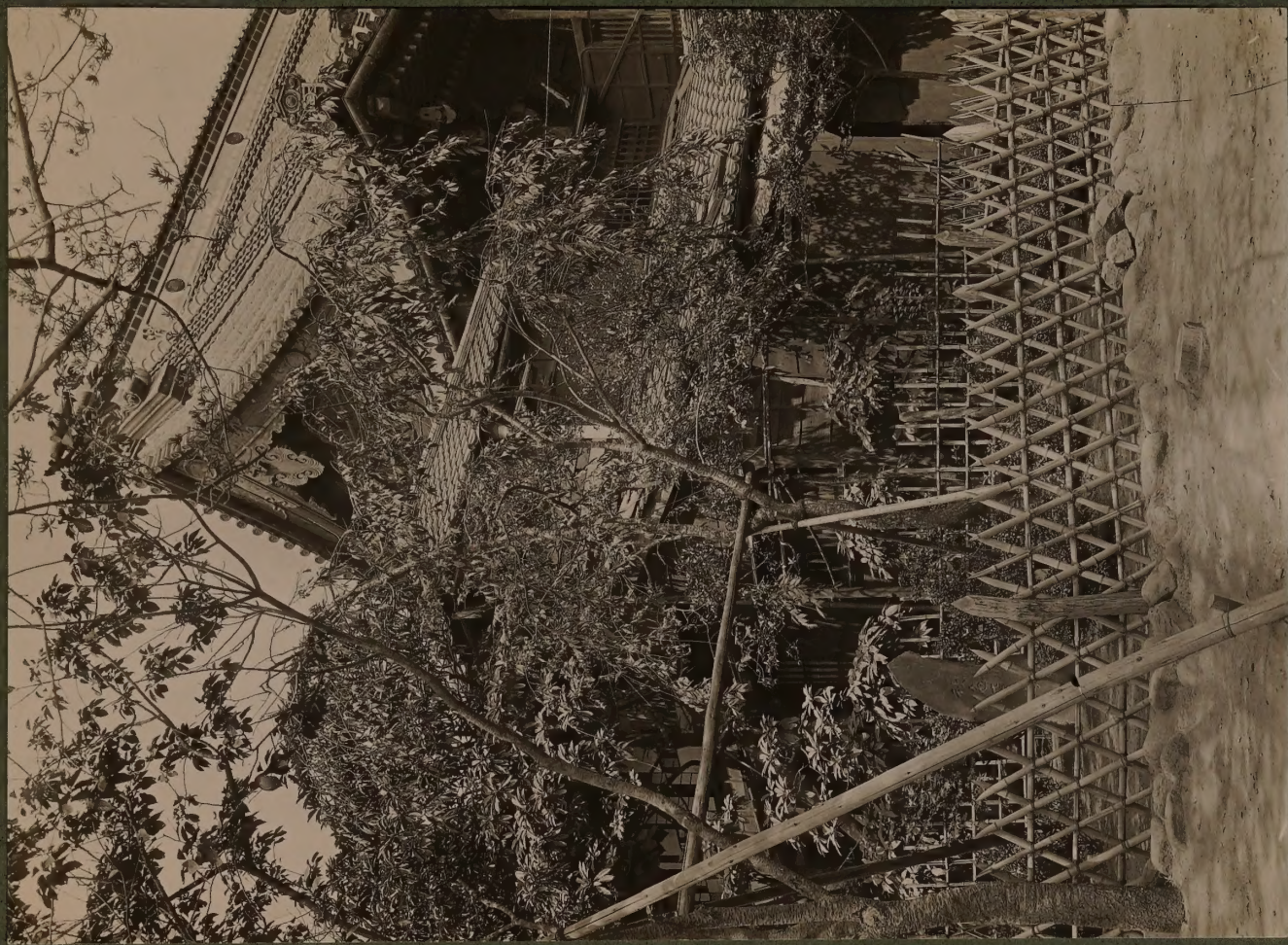
View nearby, of the large Ginkgo tree recently
planted to its present position in the ground
of the new parliament Building, now in course
of construction. The tree is wrapped for 6 feet
or more up the trunk and girdled with 5
poles and 5 galvanized wires. It looks to
be in a very good condition.



44150. Noodles drying
among posies



#44201



#44202

A view showing the bamboo fence, the stone name tablet
and to the right the fourth generation seedling tree of this
famous cherry tree. Ueno Park, Tokyo, Japan.



#44203
Chonoring to
 A nearby well, the left the stone name plate and to
 the right a portion of the trunk of the representative
 of the original tree which stood here. Ueno Park
 Tokyo, Japan.



#44 203

Chonryu

A nearby monument, left the stone name plate and to
the right a portion of the trunk of the representative
of the original tree which stood here. Chonryu
Johyo. Japan.

44351 One of the more Modern Aina houses of
Shirosai. There are about 100 houses similar to
this in this village and about 500 Aina. The
Aina are to Japan what our American Indian
is to America.



#44270 a nearby view of branches of a
willow almost completely covered with
insect galls. We do not recall ever having
seen galls so abundant as were produced
on this tree.



#44351

#44352 a nearby view of four Aina
in their ceremonial robes. The dead Aina
chief to the left is over eighty years old.



44353

44353 A distant view of three of the Ainu shown in picture # 44352 and their house. The third Ainu woman refused to have her picture taken again. An Ainu house has one door and one window. The inside of the house was black black from smoke, there is no chimney to an Ainu house.



44414 A fairly nearby view of the tops of fruiting plants of Desmodium sp. which is growing in the wild in the Botanical Garden.

44403 A fairly nearby view of bundled roots of Hibiscus which we understand is used as a tying substance. These work at a railway station.
Onahoro, Japan.



44403



#44415

send 1634

A nearby view of a handful of fruit-
ing branches of this interesting *Lespedeza*.
Botanical Garden.
Keijo, Chosen.



#44419

A fairly nearby view of fruiting
plants of a species of *Lespedeza*
growing in the wild at the Botanical
Garden. Keijo, Chosen.

44420 A nearby view of the base of stems of a clump of *Lespedeza*. The pro-mont buds at the base would surely push if the canes were cut off just above them. This leads us to believe that this species will not only stand cutting



but probably it will re-produce readily and that two or more cuttings of hay perhaps could be grown and harvested in a season. This surely is a promising looking species.

44421
A nearby view of a cluster of fruiting branches of this

44420 species of *Lespedeza*. Kiyo

44422 A nearby view of a cluster of fruiting branches slightly different from the above picture. Botanical Garden Kiyo Chosen.



44421



44422

Seed 1634



#44424 Mr. W. J. Morse
standing by one of number of
these plants in the Botanical
Garden at Keijo, Chosen.
Lespedeza sp. ~~sent 1632~~



#44425

A close up view of handful of plants
from which seed was secured and
sent to Washington under 1632. This
looks to us like an extremely promising
Lespedeza for pasture or hay.

44514 View from the back door
of the restaurant where we had
dinner. Kokato, on the island of
Koka, Chosen.



#44477 A fairly close up view of
a handstone mill, used for grinding
beans and other small grain
Keijo, Chosen



#44524



#44526 View from a bridge over a canal in the village
on one of the main streets with many "aiko"
or man packs of fuel brush from the mountains. Koka
island, Chosen.



#44631 Nearby view of the bull and his load of
pine boxes as he proceeds on his way up the trail
from the Landing.



#44634 A nearby view of this species of Lespedeza,
along a rocky cut for the Railway, See #44632.
Taken near Suigyo, Chosen

#44632 Low growing Lespedeza.



#44635 View from the bank to a Japanese
boat.



#44681 Plant propagation, Yamamoto, Japan. Grafting tree seedlings. The graft is covered with endless clay pots 4" deep & covered with a piece of broken pottery.



44682 Nearby view of the endless pots, Yamamoto.



44683 Looking along rows of grafted pines, the grafts are covered with 3" or 4" pieces of bamboo culms covered a piece of broken crock



44684 Landscape, Yamamoto, Japan.

A general view over a portion of nursery planting in this region.
Yamamoto, Waseda.



44686

Street decoration, Tokyo, Japan.
A view on the Ginza, Tokyo, of pine
bamboo rice straw rope and fringe.
These decorations are for new year.



44689

Bamboo & pine & rice straw, Tokyo,
Japan. A new year decoration in
front of a Japanese motion picture
house. The pine boughs are banded,
but will be released for new year.
They cut at an angle and of different lengths.

44690 One of the several large pine and bamboo decorations on the Shinga. In this decoration the three culms of different lengths are cut square across. The base of the decoration is covered with bark. Tokyo, Japan.



#44690

44691 New year decorations. Tokyo, Japan. This type of decoration is found over doorways of business offices and institutions in downtown sections. They consist of rather broad flat rope of rice straw at the top across the doorway, up this is mounted on either side white and red scabbards each containing a spray of pine, at the center is a rather broadly, irregularly cut fisherman's net.

Decorations are also by the lobster and a pine of white paper on each side of the entrance. The fisherman's net is a square about 4' x 4' and is made of various colored paper.



#44691



#44692 A supply shop for rice straw rope and fringe, pine and bamboo and other new year decorations. A view over a portion of nursery planting in this region.

44706 A rather elaborate decoration in the vestibule of a business house near the Gunga way to the Sankaido building. Here there are two decorations.



Kake, seaweed and ferns and lobster and an analogy. Small strings of different colors and at each side "Gohge" paper are also seen in this decoration.

44707 New Year decorations. View of side door and overhead decorations for new year, at the five corners on the way to the Sankaido building. At the base are pine, bamboo and



#44706 on the floor there are three saki casks in rice straw surmounted by a rather elaborate decoration. Over the entrance is another elaborate decoration. This a recessed display and the picture is better than we expected.

#44707 rice straw. Overhead are two Japanese flags. At the center just over the door a cluster of good sized twisted rice straw, small pine and broad leaf tree boughs, dried.

44711 Abies sp. Spruce Noda Mochi
Japan. View along showing small
saw beam cask stock of spruce and
a part of the warehouses of Noda
Shoyu Co. Ltd.'s storehouse



#44708 New Year decorations.
A nearby view of one of the simp-
lest new year decorations. Pine
and rice straw and a square
of white paper.



#44711



#44712 One horse track load of small saw-
beam cask stock of spruce. It
also shows some of the bundles of short pieces
of spruce.



44695

43695 Bambusa sp. & Pinus sp. Tokyo.
View on the canal near the Matsuya Dept.
store showing bamboo and pine in quantity
for sale for holiday decorations.



44696 New Year decorations

This view was taken in the business district
near Tokyo station see picture 44695 for a
detailed description of this decoration.



44697

44697 Doorway New Year decorations
taken in the vicinity of Tokyo station.
Tokyo. detailed information describing
this will be found under picture #44696

44699 New year decorations Tokyo, showing a portion of the entrance to the Tokyo Consulate where the U. S. Consulate are located. On each side of the entrance are the pine and bamboo decorations.



→ bamboo and pine along the street. what is seen here in this connection is quite common all over the city.

44698 Bambusa sp. and Pinus sp. Christmas and New Year decorations at the entrance of a Japanese business house. Pine and bamboo on each side of the entrance. Two bamboo and one pine branch grouped in each cluster. These are to be seen throughout the city.



44699



44670 Street scene, Tokyo, showing but not very clearly, the decorations of →



4713

Abies sp. Spruce. Noda-Machi
A nearby view of portions of rights
of bundles of shreds pieces of spruce
for staves tops and bottoms of small
casks for shoyu sauce at the place
of the Noda shoyu Co. Ltd.



44732 Plant protection. Village of
Amaki Japan. Woven rice straw mats
which are protecting primulas.



#44795 *Pandanus* sp. whole palm fruit.

A nearby view of what we take to be a cluster of palm fruit of some kind. It was in this condition when we made a colored motion picture shot of it. About 9" to 10" through, Tokyo, Japan.



#44796 *Pandanus* sp. sectioned palm fruit cluster.
 Nearby view of half of the fruit which is shown in the preceding
 picture and which we take to be a palm fruit. We made a motion
 picture of the entire fruit. Fruit sectioned measures $9' \times 9\frac{3}{4}"$
 Tokyo, Japan.



44801 *Pinus* sp. Commercial package. A nearby picture of rice straw carrying case filled with pinecones. This was given to Mrs. J. H. Darsett by Mr. J. Watanabe of Keijo, Chosen. The package was presented to the expedition by Mrs. Darsett. It also contains on the outside a pair of nut crackers. Tokyo, Japan.



44827 Cement blocks used in making
open air winter forcing strawberry beds
in the vicinity of Shizuoka Japan Jan
23-1930. Large bottom block is $9 \times 18 \times 2$ "
the others $6 \times 18 \times 2$ "



44933 *Prunus japonica* var. *Prunus mume*
Diospyros kake and *Prunus* sp. flowering cherry, seeds
 packed in Daikans Japanese radish. These came to
 us from the Tokyo-fu Agricultural Experiment Station
 Tashikawa. Tokyo-fu Japan Feb 14-1930. Photographed Feb 16-30

45469. Beehives, Great Bell Temple.
This beehive is protected on top from
the sun by a woven mat, and at the
bottom from ants by saucers contain-
ing water. All the beehives at this →



45450 Undetermined
Peiping, China. A poor nearly picture
of a few plants picked on the Eastern
Wall around the city to day. Seed
sent in under # 5575. This picture
shows a little something of the
foliage and seed pods.



Temple were
protected
in this
manner.

45469

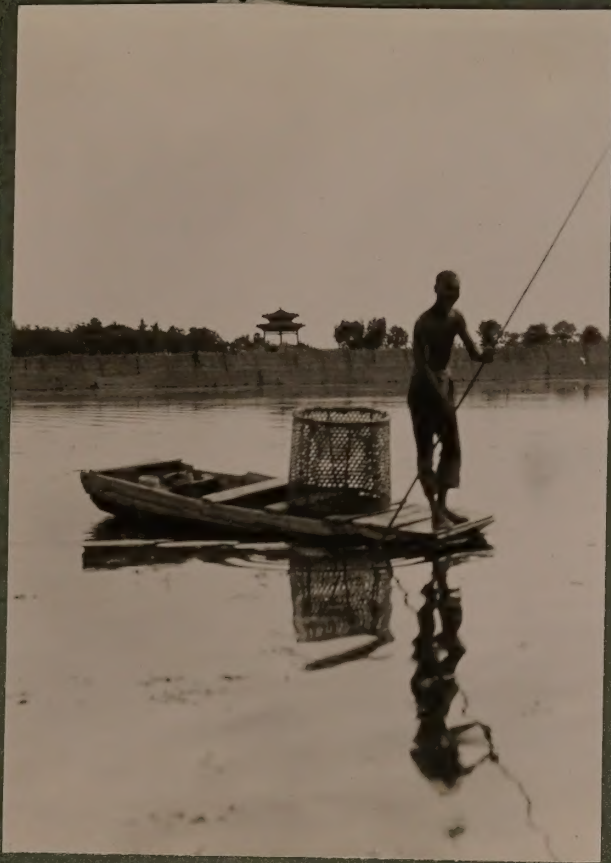


45471
Zea Maise
Corn
Great bell temple
Yellow flint
Corn drying
on a ledge
of one of the
temple
buildings.

45471



45480 *Melilotus* sp. Summer
Palace, Peking. To the north of the Marble
boat beyond a tall gate tower we
found this species of white flowered
Melilotus in considerable quantity.



45486 Spear Fishing.
Because of the reflection this
is the most interesting of the
Canoe fishing scenes.
Summer Palace Grounds,
near Peking.

5346



45393

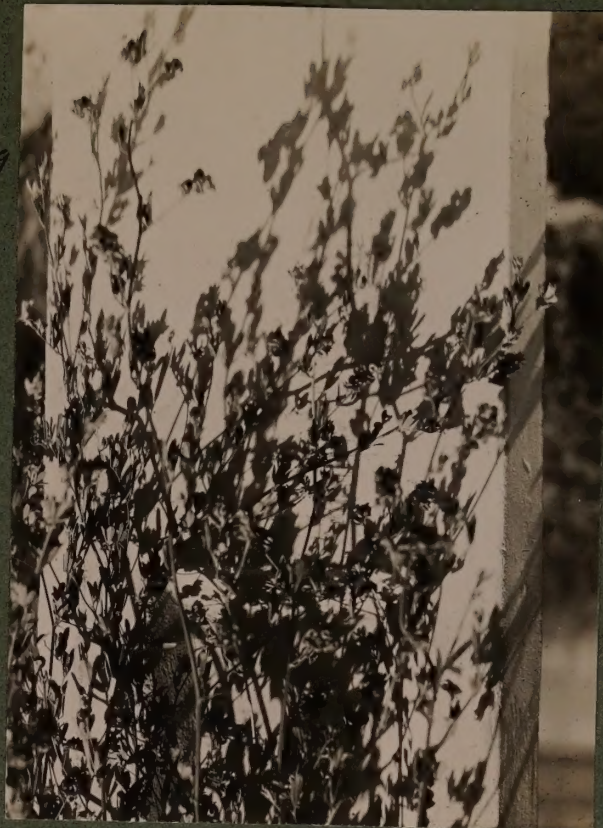
Setaria italica, Italian millet, Hsiung Yao Cheng, Manchuria.
Field of millet for increase seed on the South Manchurian Railway
Experiment station. This station is working on the improvement of
millet, one of the food used extensively by the Manchurian
farmers.



45412

Medicago
Sativa

Alfalfa.
Hsing Yao Cheng
Manchuria.
Hailing out
alfalfa seed
on the D. M. Ry.
Experiment
station.



45412

45413.
Medicago sativa
Alfalfa.
Hsing Yao Cheng
Manchuria.
Hailing out
alfalfa seed
at South
Manchurian
Railway
Experiment
station.



45413

45414 Medicago sp.
Tung Tai, China Alfalfa.
A nearby picture of a
portion of the stems of
a single alfalfa plant
from which seed numbered
5554 was secured.



45494

Lespedeza sp. near Western Hill Hotel.
A small leaved decumbent
species with bright small purple
pea shaped flowers.



45495

Lespedeza tomentosa Chinchon
Manchuria. Close-up view
of plants of a wild Lespedeza
found growing abundantly
in the mountain section
about four miles north
of Chinchon.



45496

Arachis hypogaea. Peanut
Chinchou, Manchuria. An upright
variety of peanuts grown for seed in
a young pear orchard in mountain
section about four miles north
of Chinchou.



45504

Tree protection, Lung Wang
Tang Temple, Pa Tai Chou,
western hills Peking, China.
Tree trunk protection by
means of binding branches
of *Jujube*, *Zizyphus* sp. about
the trunk.



45487.
Spear fishing, Summer Palace
Grounds. Taken on the lake of
Summer Palace. A somewhat
different view from #'s 45486
and 45488



45488
Landscape and bamboo,
Summer Palace. A fisherman
on the end of his canoe looking
for a chance to spear a fish.
After spearing the fish, the
bamboo basket without a bottom
is pushed down over the fish to
prevent its possible escape.

45493. Arachis hypogaea. Peanut
near Huang Tsun west of Peiping.
showing a portion of a solid plant-
ing of peanuts. There looks to be about
ten acres in this planting. This is
quite a peanut growing region.

45492

Arachis hypogaea & Sesamum
near Huang Tsun west of Peiping.
A view of a portion of a double
planting. Three rows of peanuts
between rows of sesame about
8 feet apart.



45493



45415.
Mililotus sp.
Feng tai, China
A general view of
yellow flowered
sweet clover near
the Ry. station at
Feng Tai, A poor
picture but it
may of some value
Seed of this clover
was secured at
Summer Palace
Aug. 5. 1930 and
given D. M. #5591

45415
45414

45416.
Medicago sp. Alfalfa
Feng Tai, China.
Peter Liu & Mrs.
R. B. Darrett collect-
ing seed which
was sent in
under D. M.
#5555 See picture
45417



45416



45417 Medicago sp.
Alfalfa, Feng Tai, China
A close up picture of a
cluster of alfalfa stems
of one plant from which
seed was secured
and sent in under
#5554



45418

45419.
Bee hive among
Citrus
Feng Tai, China.
View of a matting
covered beehive
among pots of
flowering alibond
which are dwarfed
and have been
trained into
fantastic
shapes.



45420 *Zizhuan* sp.
Kaoliang stems, near
Feng Tai, China. These
are stored for use in
winter in making
ribs for fronts of
greenhouse.



45419

Feng Tai, China
A fairly nearby
view of Chinese
inarched plants
protected by
paper. Taken
in a nursery
near Feng Tai.



45422 *Begonia* sp. Near Fengtai
China. Pot plants of a pink
flowered *Begonia* shaded by
a screen of Kasliang stems

45421

Chrysanthemums Near Fengtai
China. *Chrysanthemum* plants
in 8" pots for fall flowers. In
the background is a mud
wall, at the extreme left, part
of another; these are ends of
greenhouses, to be erected this
fall.



45422



Beehives near Feng Tai, China.
View showing a number of bee
hives covered with insects
among pots of dwarf almonds.

45423

Galianthus sp. white tuberose,
Near Feng Tai, China.
View of a portion of a rather
small planting of tube roses.
Tube roses are seen in the
market in Peiping in abundance.



45424



45441

Medicago sp. Alfalfa, Peking, China. Alfalfa growing in the Mulberry garden of the Winter Palace. We collected seed here. Some of the stems are fully 6' in height. The normally stand 3' to 4 feet among the grass & weeds.

Medicago sp. Alfalfa, Peking, China. A nearby view of alfalfa growing wild on steps to an elevated area in the Mulberry garden of the Winter Palace. We collected seed in this old garden which was given #5573.



45442



45443

Medicago sp. Alfalfa Peiping, China. Another nearby view of alfalfa in the mulberry garden of the Winter Palace where we collected seed #5573. This gives something of an idea of its seeding habit.

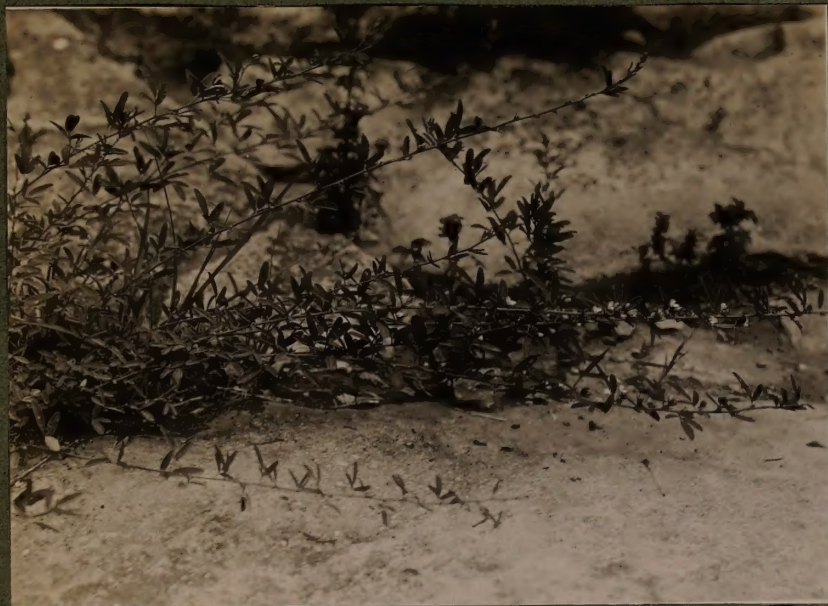


45444

Medicago sp. Alfalfa, Peiping China. A rather nearby view of stems of a single plant pulled up in the back of the thousand Buddha Temple in Winter Palace grounds. Seed numbered 5573.



45510 Part of the Agriculture exploration party.
 near Cheng Kuo Jan Temple, Pa Ta Chu Western Hills,
 China. Mr. Peter Lee by the mount of Bobby Darsett,
 assistant agricultural Explorer in the Western Hills,
 north west of Peiping, China.



45515 Lespedeza Sp. near Hung
 Tou Sou Temple,
 A small leaved species growing
 prostrate and having bright small
 purple pea shaped flowers.
 Herbarium specimen # 5592

45514

Lespedeza Sp. near Hung Tou Sou
 Temple, Pa Ta Chu, Western Hills,
 China. A nearby view of a
 prostrate and semi-prostrate
 variety of lespedeza of
 which we hope to get seed
 later. See Herbarium specimen # 5550



45515



45519

Cotinus Coggia
Shih Tzu W. Pa Tachu
Western Hills, China.
Fairly nearby of one of the
largest of the trees of this
species that we saw.
Herbarium specimen #7022
also seed.



45520 Cotinus Coggia near Shih Tzu W.
Fairly nearby of portion of small tree
and flower & seed heads.
Herbarium specimen and seed #7022



45521

Cotinus Coggia
near Shih tzu Wo. Fairly nearby
of portion of small tree and flower
to seed heads. Herbarium and
seed #7022

Cotinus Coggia Near Shih
tzu Wo. Tsinan, Western Hills, China
A nearby view of the fluffy, reddish
brown seed heads and a few
small seed. Herbarium and
seed were later sent in under
#7022



45522



45539

Chinese crickets, Hsi Tan Tai Lon
Peiping. Chinese Crickets tied to
a frame of Kaoliang stems, for
sale as ringers.



45548 Astragalus sp.

Temple of Heaven grounds, Peiping.
Darsell examining flowering plants
of a pink flowering variety in the
Temple of Heaven grounds.



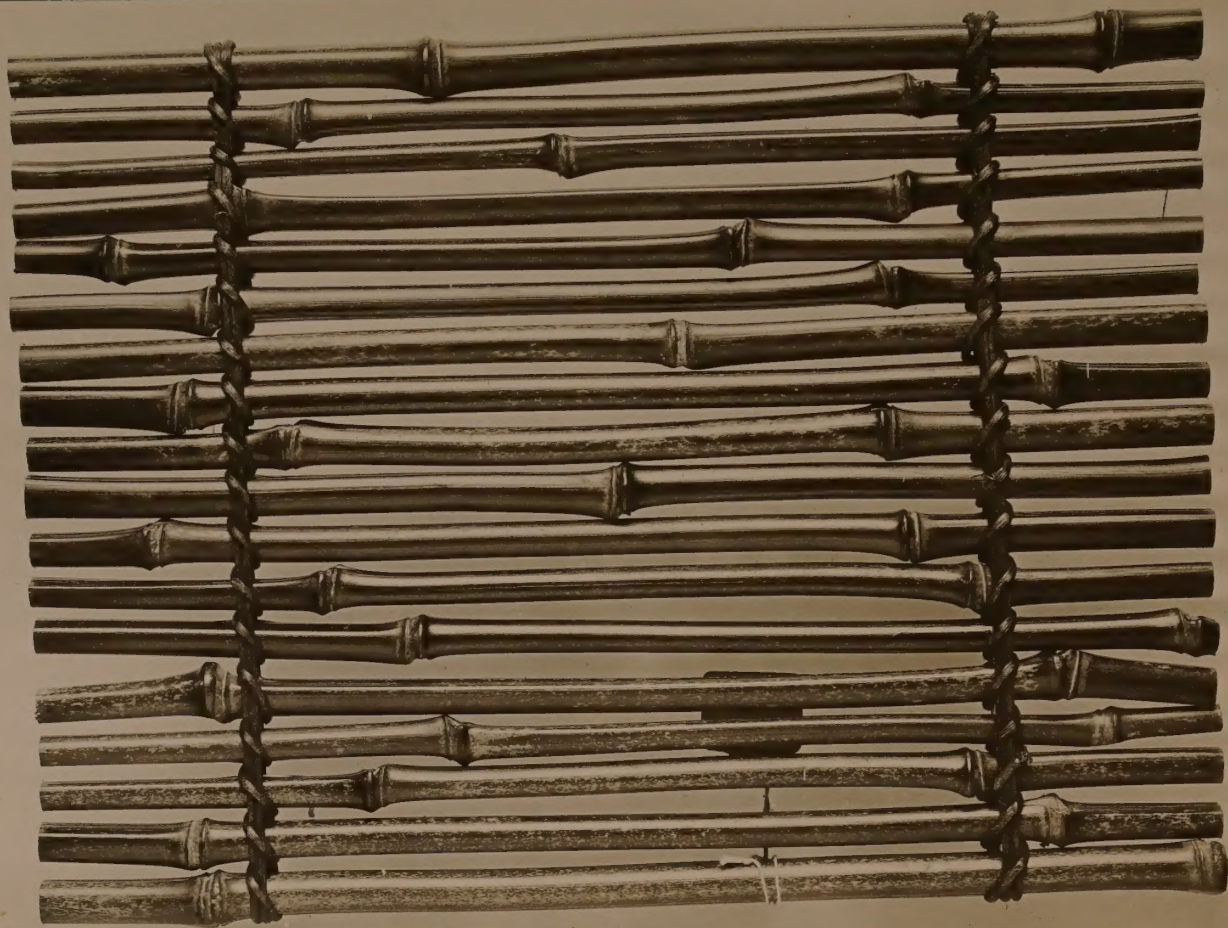
45550 Lespedeza sp.

Temple of Heaven grounds, Peiping, China. A tall growing free flowering species of *Lespedeza* found in considerable quantity near the altar of the Temple of Heaven.

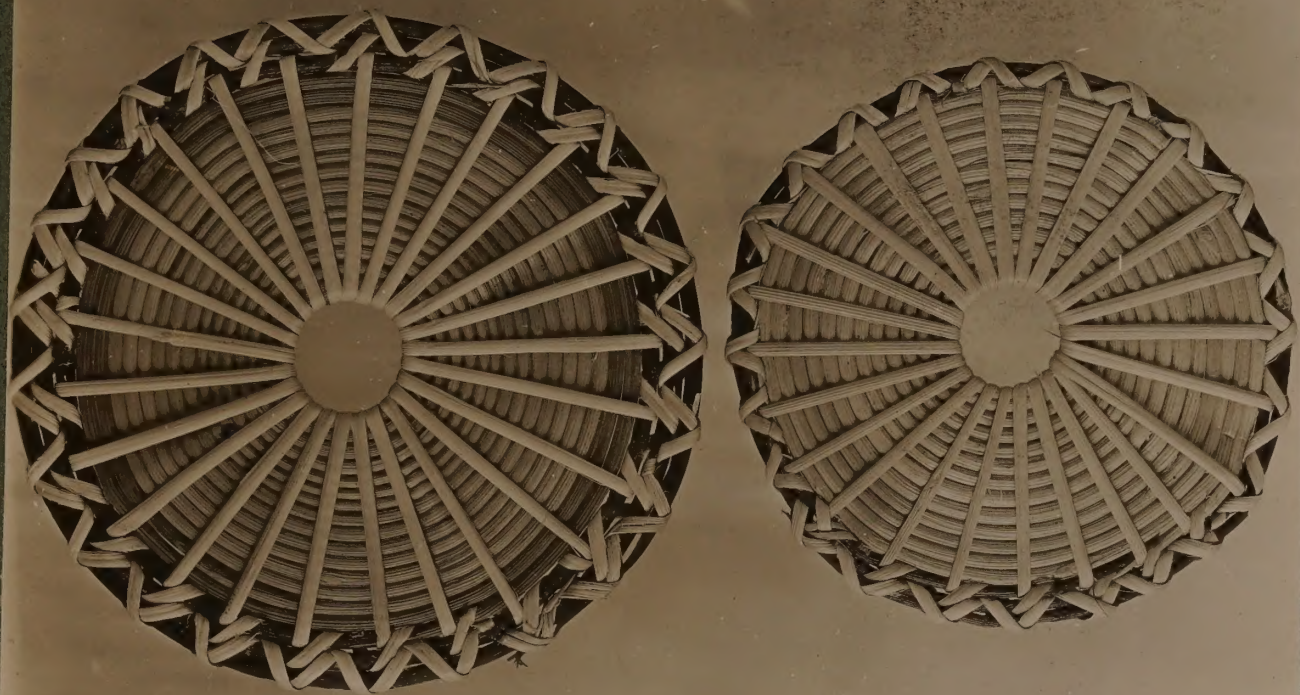


45559 Andropogon Sorghum

Kaoliang, Chinchow Manchuria. View of an excellent field of Kaoliang or Sorghum in farming section near Chin Chow.



45077 Puraria thumbergians. Kudzu product.
 A bamboo mat woven to gather or bound to gather with kudzu
 vine. $7\frac{1}{2}$ " wide and $10\frac{1}{2}$ " long. Kudzu vine is used extensively
 in binding to gather bamboo in the manufacture of numerous
 articles.



45078 Pueraria thunbergiana. Kudzu product.
 #5622. Almost life sized view. Small mats used for setting
 for tea pots on. Three outside layers of brown kudzu vine.
 In rural districts these mats are made wholly of
 kudzu vine.



45310 General view, Kakai, Heian Hokuo
Prefecture, Korea. View from ferry boat on
Seinoko river looking toward Kakai



45313 *Zoyzia* sp. Kakai, Korea
View showing *Zoyzia* sod on river bank.



45312 Mr. Suyitake picking seed of *Zoyzia* sp.
on bank of Seinoko river opposite
Kakai.



45316 *Zoyzia fringens* var. *japonica*
Kakai, Korea.



45326 sawing logs into boards Korea.
Koreans sawing logs into 1" board on
the bank of the Seishoko River, Kakai of Sad.



45333 *Zoysia pungens* var. *japonica* Kien
Korea. Collecting seed of *Zoysia* on
bank of river near Kien. View shows compactness



45330 *Zoysia pungens* var. *japonica*
Kien, Korea.



45347 *Vicia amurens* Manchurian wild
vetch, Kung chuling. Manchuria.
wild vetch on animal industry farm of S. M. R. Expert.

45351 Vicia sp. Mongolian vetch. Kung Ching
Manchuria. View of a plot of wild Mongolian
vetch on forage crop experimental fields
of the Animal Husbandry Dept. of the S. M.
Ry. Experiment Station. This vetch was chosen
down in 1927 and is cut twice a year for hay.
Mr. Kasai, the forage crop expert and W. J. Morse
standing in the plot.



45350 Medicago Sativa. Alfalfa
Kungchuling, Manchuria. View of a plot
of alfalfa being sown for seed on the
forage crop experimental fields of An-
imal Industry Dept. of S. M. Ry. Co.



45351



45370
Medicago Sativa
alfalfa Chinchow,
Manchuria.
View showing Mr.
Darsett picking
alfalfa seed along
road of wolf surr-
ounding Chinchow.
A large number
of alfalfa plants
occur along road
of north wall.
This alfalfa a
variegated hardy
strain is said to
have been introduced
from Russia during
Russian occupation.



45379 Setaria glauca. Millet
Kokaton, Manchuria. Field of millet on
Manchurian farm about 2 miles up a
valley from Kokaton. Millet seed is used
quite extensively for food by the Manchurian
farmers.



45382 Italian millet, Nanzen
Manchuria. Field of Italian millet
on farm near Nanzen. Millet
is used quite extensively as food
by the Manchurian farmer.

43358



A nearby view of a Japanese fishing boat on the beach of Otama Bay, just off of the Tokaido Road, which is one of the oldest historical road in Japan.

43358.



Japanese fishing craft and a portion of the beach of Otama Bay
43359 see picture 43358



43364.

Tablet or monument in memory of Emperor Meiji when visiting Karaya Hotel at Minayashita in 1865, Grandfather of the present Emperor.

Tablet marking the battlefield on the road between Fujiya Entrance gate to where the American Embassy



43366 Hotel and lake Hockone. This also marks the highest point in the mountains. # 43401. stood before the Earthquake.



43369 Picture of our party on this trip to Myonishita and Atami. Taken at lake Hockone. Darrett made the picture. # 43411 Japanese children and pigeons in the temple grounds in Shiba Park, Tokyo, Japan.



A picture between $\frac{3}{4}$ and full size showing body-finger cakes with flower cherry stems, buds and blossoms, candied and imbedded in the cakes. The kind of # 43449 decorated body-fingers we are advised are only available at the cherry blossoms season.



43450.

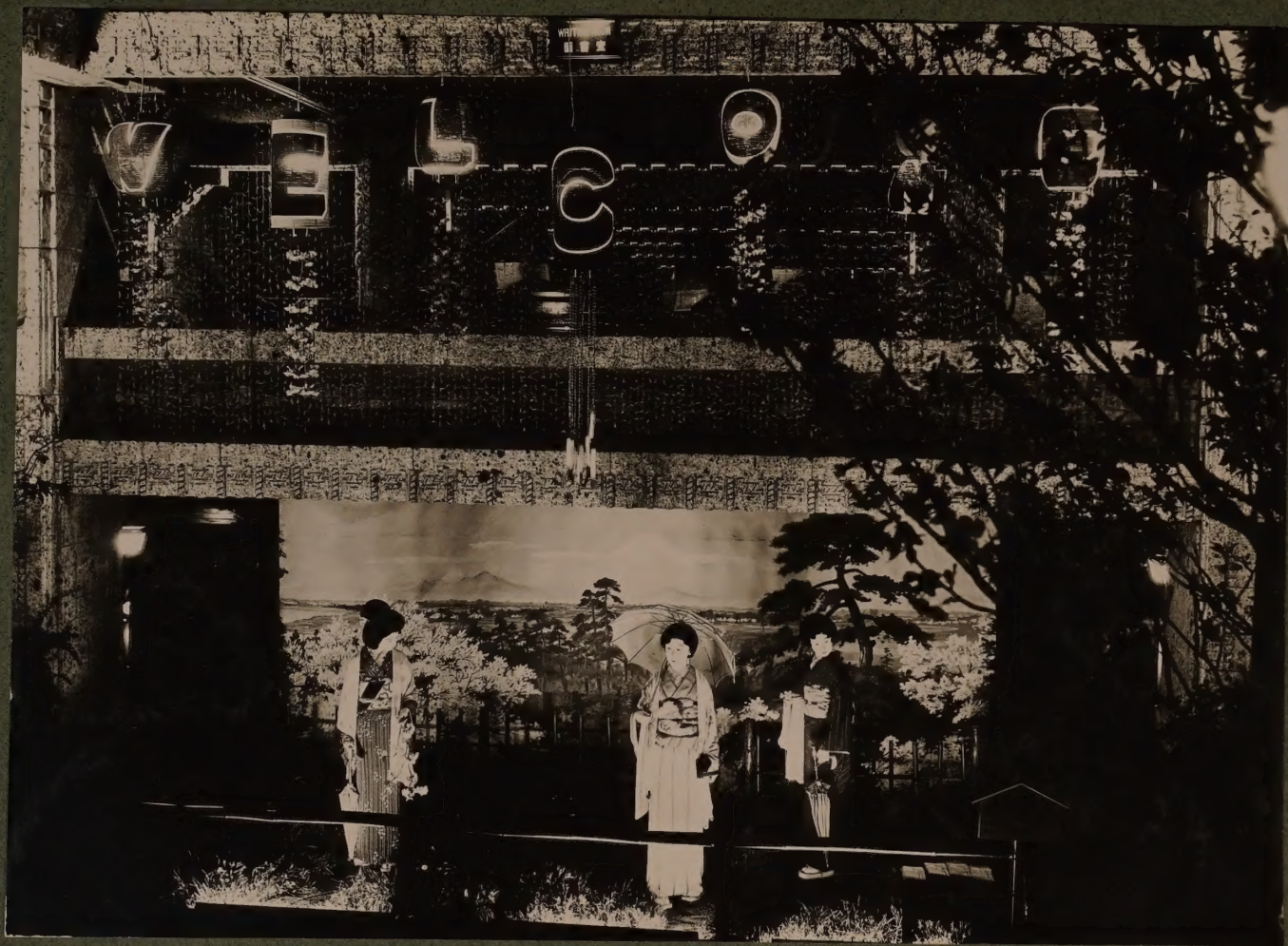
(Hockone Darrett made the picture)

43450 A view made at night of one side of the entrance to the dining room of the Imperial Hotel (Jiukuko). The tree is a real cherry tree and the lanterns the ones that are always used at Cherry celebrations. About a thirty minute exposure.



43412.

Japanese men and women watching pigeons feeding in the Temple grounds in Shiba Park.



43451 A night view of the Mitsukoshi decoration in the lobby of the Imperial Hotel. It is very nicely done and most attractive. The lanterns as you will notice spell "Welcome"



43452 An early morning view of the decoration
in the Hotel Lobby before the models were uncovered. Bamboo
props support the clothe night caps See # 43453

(Hockone Darsttt made the picture.)



43453. This cherry blossom display in the lobby of the Imperial Hotel was installed by the Mitsukoshi Department store. It is a very creditable display and has attracted a great deal of attention.



This view is almost straight back from
 # 43454 the entrance. It shows fairly well the pillars
 and pillar decorations. It's a mostly interesting and attractive
 dining room.



Another and some what different view in the
 # 43455, Imperial Hotel dining room from that shown
 in # 43454 Taken from the same position. The pillars
 at the foot of the ceiling braces are decorated with flowering
 cherry branches.

view of the wreaths of artificial flowers used



43462 lavishly at store openings and special occasions as congregations



43469 Children about a sanitary drinking fountain in Shiba Arishi Park.

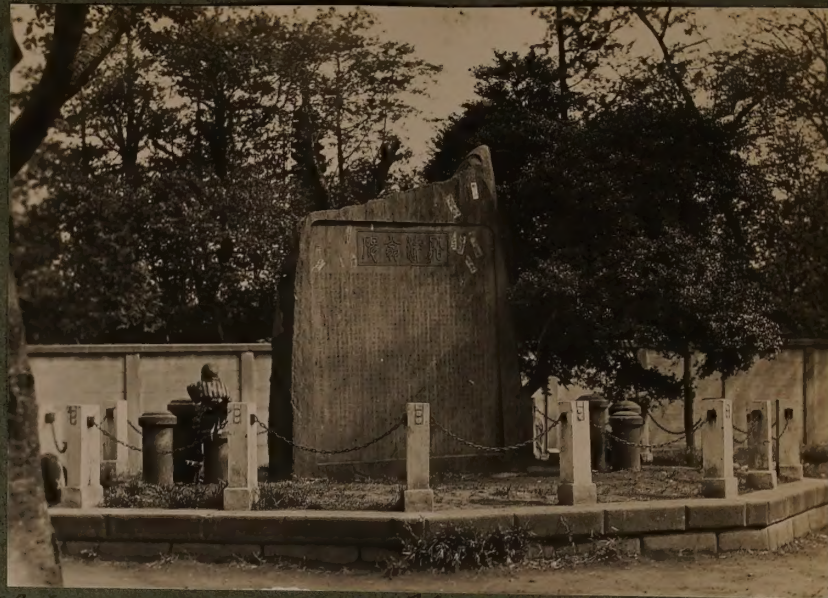
43463 A troupe of small boy scouts in Arishi Park, Tokyo, Japan.

43470 A group of small children in Shiba Arishi Park, Tokyo, Japan.

A few vendors stand at Kudan shrine



The eggs are hard-boiled and piled in this way with salt piled on them.
43495.



43504. Monument to the great love of flowering cherry



Women vendors with their babies on their back and their stock of parasols of gaudy colors before them. Taken at Kudan shrine
43496.



43510. View of a good sized river taken on this bridge at Uhemaga.

43511 Three fish of cloth flying from
a bamboo pole near the music stand
in Nibiya park. This is the emblem
of the hoys festival. See pictures #
43512-13 and 14.



43509 Monument in recong-
nition of locality of
wild primulas at the entrance to a
bridge across the Arakawa River

43512 View showing two poles in front
of the band stand and three colored fish
flying in form each in the breeze. See pictures #
43511-13-14.



43511.



43512.

Emblems of the Japanese Boys Festival held the
fifth day of the fifth month. The carp was
selected because of its strength and its diff-
-iculties it overcomes in climbing up stream.
See pictures 43511-12 and 14.

43513.



43575.



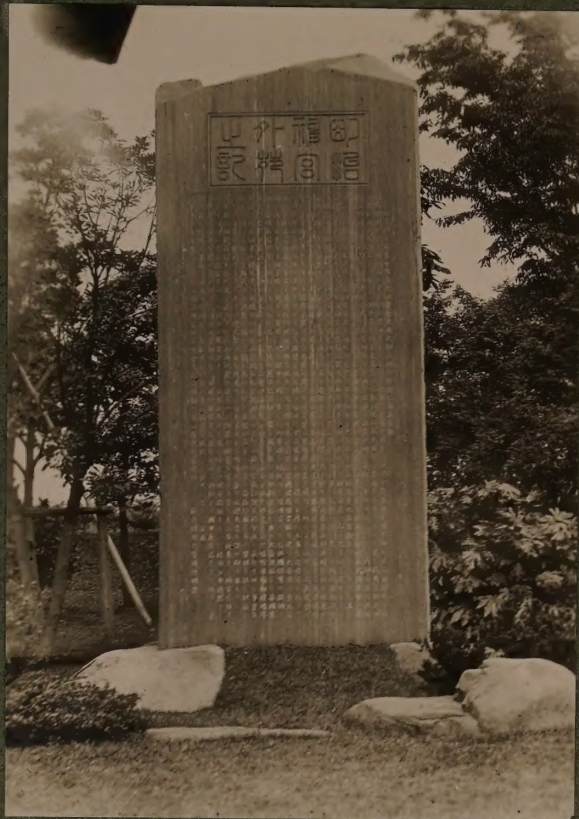
43514 The cloth fish used as
the emblems of the Boys
Festival in Japan. See pictures # 43511, 12
and 13.

43575 An old Japanese lady and her
grand child sitting in the typical
Japanese fashion on the porch of her
home.



43576. A view of the front of the home of Mr. Ishido. Gate in the background to the left. A portion of the bamboo grove. Also that the house covering is grass thatch and the porch tiles.

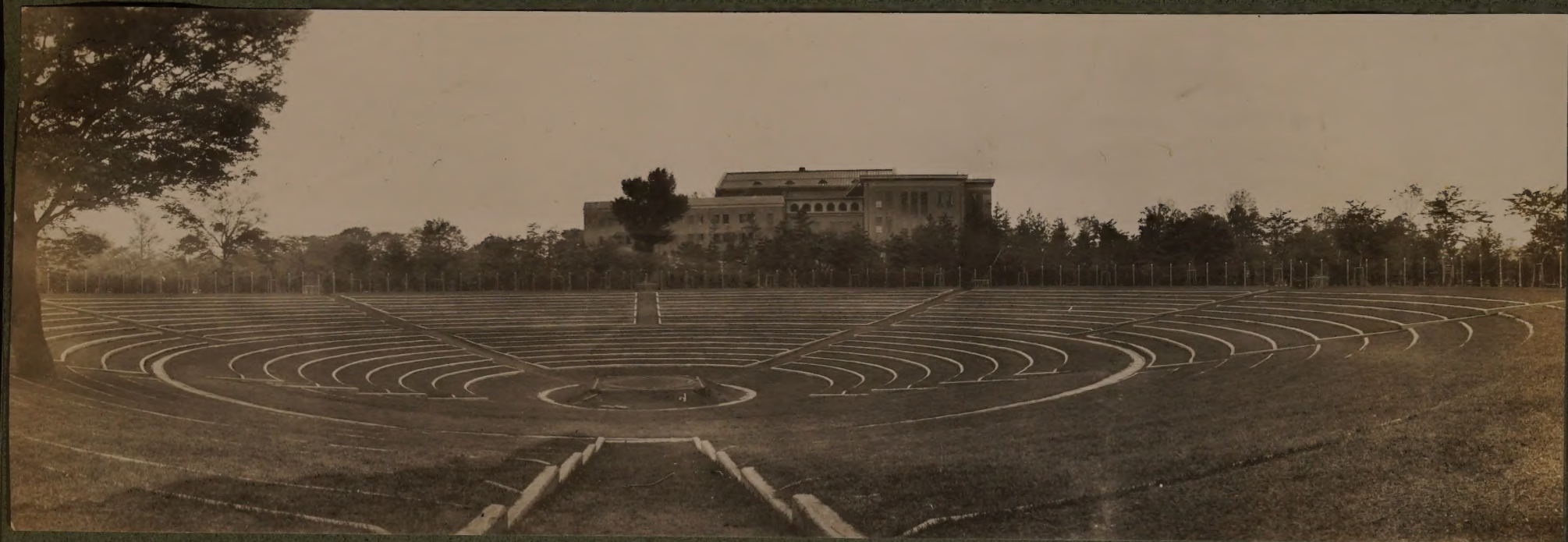
43586 View across a portion of the
athletic field in Shiba Park Sunday
noon.



43586.

43589 Monument of
the Meiji Emperor's
outer garden.
43598
A young Japanese boy enjoying his
motor car along a well lined
with beautiful plants.

43598.



43593. Wrestling stadium at Meiji Shrine. At the center surrounded by a ring of stone is a slightly elevated square on which is the ring about 5 feet in diameter. This is where wrestling matches occur at Tokyo.

43599



View along a bridge path just beyond a walk and highway which continue for a mile or more between portions of Miyajima grounds. The space between the bridge path and the walk is planted to trees and shrubs. Algae are in abundance and just not make a great showing.

43599.



43626.



This is a large stone monument at the entrance to the enclosure where the *Uchijima arisima* is. # 43613 The recently caught eel and the crowd of men and women discussing the catch.

43641



Rice straw fills a most important place in the everyday life of Japanese. This picture shows rice straw rope which is used to a great extent.

43641.

1043

43645.

Putting up scaffolding with rice straw rope in place of nails

43646 Comb stock blocks clamped in a frame to season.

43657 Adzuki bean filled cakes and floral
bougainvillee served with tea, to us when we were out to the
Ushijima Wisteria yesterday



43701 S. The famous west gate at the entrance
to the Imperial University at Tokyo, Japan.



43647.

Pear-wood combs racked up
in the open to dry



#

43709.

Mr. Yuri Yamaguchi
who carried a good part of our baggage
on our trip from Kyoto to Lake Biwa,
Aner Hevizan

43710 Our "Abosan" or coalie
woman, shown in picture #43709
with four of our camera



43710.



43718. our "Abosan" assisting
an American lady off
the hill



43755. Raising silk worms,
mulberries.

43762 An interesting conversation. Left to right, Mr. Oura, a Japanese farmer with a bamboo basket filled with mulberry leaves, Mr. Kurihara, Mr. J. H. Darrell. This may be to get us seed of a number of things.



43741. A handsome old pagoda through the pine trees.
Re picture # 43732 Nara, Japan



43761. a characteristic Japanese farm house in this and other districts of Japan

43762.

43781 A fairly nearby view of mulberry plants, pollarded fairly high. Sometimes they are higher, sometimes lower. The silkworm droppings and droppings are returned to the land.



43781.



Another view of pollarded plants Cifu-
Ken Experimental station Cifu.
43782. Japan



43779 View of Osaka
Castle through the pines. A somewhat
peculiar, but fascinating build-
ing.

Barley drying on the ground.



43803 Taken at the Aichi-Kyū-kyū
school. Children being taught
farm and garden practice.



43819 View from Kurozan Hill over a
portion of Shizuoka.



View over a portion of lava beds between
Fuji-yashiki and Lake Shoji. It does
not do justice to what
43972 we saw.



The party, with the exception of the photographer, and automobile at
the end of the Auto. road on the north trail leading to the top of Mt.
Fuji. Mr. N. Sugitake and Mr. W. J. Morse are in the center
the do not know # 43962. the other men's name.



View of a portion of a native's garden and home, with
 # 43987 *Selaginella* sp. growing along the ridge
 of the house which has a grass thatched roof,
 Shoji-mura, Japan.

43991 En route from Shoji to Kafe,
and this was not all of our baggage
we carried 3 cameras and a gelant
press.



43991



44086 and rope



This view was taken to show silage
inella on the ridge
weighed down with lava rock also
a pile of mulberry branches from
which the leaves have been eaten
by silkworms. 44086 Rice straw pulled
from the seed bed and needed for planting
being dried for making into grass string



43173

Looking aft. at storm at sea



43174

Same as 43173.



43175

Looking to starboard from the aft deck in this direction the ocean does not appear so rough as we find it.



43176

Another view of the rough sea, looking aft. from the aft deck of the S. S. President Grant.



43233

Small fish on rice straw mats
drying on the beach of Sugura
Bay, at Akitsu



43234

In the foreground are Japanese
women picking the large fish
from the small ones. The fish are
spread on rice straw mats to dry.
In the background are an old
woman and two Japanese
girls.



53251

Mr. and Mrs. R. Kent Beattie dressed in a Japanese "futon" which guests sleep in and are supposed, in case of an earth quake, to pull on and if one can, run into the street.



53253

Mr. Kurihara, wearing a "yukata" or bathrobe, and Mrs. Beattie wearing a futon, at the Japanese inn Mimauchiya, Akitsu, Japan.



#53254

Mr. Y. Kurihara and Mr. J. H. Darsett, Kurihara San is wearing a "yukata" Mr. Darsett "futon" at the Minaguchi Yo Inn at Okitsu, Japan.



#3255

Back view of the futon Mr. J. H. Darsett is wearing. At the Japanese inn at Okitsu, Japan.



9 53256
Mr. P. H. Darsett looking twice as
large as he really is in his night
gown or futon at the Japanese
Inn at Akitsu, Japan.



53257
The two Japanese servants or "kiesans"
at the Japanese inn at Akitsu. The
literal translation of this word is
"elder sister" See 43258



53258 The two Mesans
shown in picture #43257.
They are dressed here
in futons.



53260 Mr. Kurihara, interpreter for Mr. Beattie,
who is with us on our trip to Akitsu,
attired in a Japanese futon. He looks
like a giant in this outfit for he is
a very small Japanese man.



53262

Flower arrangement in our room
in the Japanese inn at Okitsu where
we spent the night.



43346

Visitors of the Hara Garden having
enjoyed the cherry blossoms are now
enjoying digging clams on the bay
shore at low tide.

借室ノ原狀ヲ變更スルコトヲ得ス

外側ノ壁、窓ニハ氏名商號其ノ他一切記入スルコトヲ得ス

内側ノ窓及扉硝子ニ氏名商號等記入ノ場合ニ於ケル其ノ様式ハ甲ノ指定スルニコロニ據ルベシ

第十一條、賃借室及其ノ室内ノ物件ニ付テハ總テ乙ノ責任ニ付テ保管ノ責ニ任ス

乙又ハ其ノ使用人若ハ乙ノ出入モノタル者ノ行為ニ因リ建物ノ物件ニ付テ甲ニ及ガシタル損害ハ直ニ乙ノ責任ニ付テ賠償スベシ

乙ハ賃借室又ハ附屬設備ニ修繕ヲ要スルモノアルトキハ直ニ之ヲ甲ニ通知スベシ

賃借室内ノ窓硝子及ブラインド破損ノ場合ハ直ニ甲ノ指圖ヲ受ケ之ヲ修繕又ハ取替ヲ爲スモノトス其ノ費用ハ原因ノ如何ニ拘ラズ總テ乙ノ負擔トス

乙ハ賃借室又ハ倉庫ノ鍵ヲ修繕若ハ新調セントスルトキハ銀メ甲ノ承認ヲ受クベキモノトス

第十二條、乙ハ第三條ノ賃借期間内ト雖甲ト對シテ月期ニ報告ヲ爲シ又ハ幾ヶ月分ノ賃借料ニ相當トシ金額トモナシト本契約ヲ解除トスルコトヲ得

第十三條、電話、電燈、瓦斯、及其ノ計量器ノ使用料（共同使用ノ分ヲ除ク）總テ乙ノ負擔トス

第十四條、乙、其ノ賃借室及共同使用物件ノ使用ニ付テ左ノ各項ヲ遵守スルモノトス

イ、常ニ清潔ト整頓トスルコト

ロ、賃借室内ニ於テ炊事其ノ他飲食物ノ調理ヲ爲サズルコト

ハ、失火ノ豫防ニ注意シ發火ノ虞アルモノ、紙屑、塵芥等ハ甲指定ノ場所ニ限リ棄ツルコト

ニ、火鉢類ハ甲ノ承諾ヲ得ルニ非ザレバ之ヲ使用セザルコト

ホ、發火、爆發、其ノ他危險性アル物品、不潔物、惡臭物、建物ヲ汚損スヘキ物品、重量品（一平方尺ニ對シ七十五ポンド以上）等ヲ搬入又ハ搬出セザルコト

ヘ、室内ニ於テ化學實驗又ハ之ニ類スル行為ヲ爲サズルコト

ト、便所、洗面所、物洗所、湯沸場等ハ清潔ニ使用シ各其ノ目的以外ニ使用セザルコト

チ、共同出入口ノ開閉及昇降機運轉ノ時刻其ノ他共同使用物件ノ使用ニ關シテハ隨時甲ノ定ムルニコロニ據ルコト

リ、以上ノ外乙ハ甲ニ於テ安寧、秩序、風俗、衛生、又ハ信用ヲ害スベシト認ムル行為其ノ他總テ甲又ハ他ノ

賃貸借證書

賃貸人財團法人石垣産業獎勵會（以下甲ト稱ス）賃借人（以下乙ト稱ス）間ニ於テ甲ノ所有ニ係ル東京市赤坂區溜池町壹番地所在ニ會堂内貸室ノ賃貸借ニ付契約スルコト左ノ如シ

第一條、賃貸室ノ表示 第貳階 第拾貳號室 此坪數合計九坪 Room no. 11

但シ室内取付ノ床敷フラインド、暖房器、電燈及電話配線等附屬ノ備

第二條、賃貸室使用ノ目的タル業務 For storing scientific equipment and studying, drying and packing plants for shipment.

第三條、賃貸借期間 自昭和四年九月一日 至昭和五年九月一日

第四條、賃借料月額金九拾圓也 但シ毎月五日迄ニ其ノ月分ヲ支拂フベキモノトシ壹ヶ月未滿ノ端數ヲ生ジタル月ハ日割計算トス

第五條、敷金ハ賃借料ノ五ヶ月分トス但シ無利トス

第六條、甲ハ本契約期間中ト雖土地代、房賃若ハ前記建物又ハ敷地ニ對シテ公租公課ノ增加建物價格ノ昂貴等ノ事由ニ因リ壹ヶ月期ニ報告ヲ以テ相當ナル賃借料ノ増額ヲ請求スルコトヲ得ルモノトス

第七條、乙ハ賃借室ノ使用ニ付館内設備ノ昇降機、便所、洗面所、湯沸場、塵芥捨箱、下駄置場等ノ共同使用ヲ爲スコトヲ得但シ右設備及附屬設備ノ故障ニ付テハ甲ハ其ノ責ニ任ゼザルモノトス

第八條、甲ニ於テ暖房、電氣、瓦斯、及水道ノ諸設備、昇降機、災害防止、及人命救護ノ目的トスル設備及衛生交通設備ノ運行新設又ハ改良等ニ對シ臨時又ハ特殊ノ經費ヲ要シタル時ハ乙ハ賃借室坪數相當ノ分額ヲ支拂フベシ

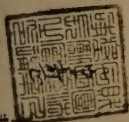
第九條、乙ハ賃借室ヲ轉貸シ若ハ居住其ノ他第二條ノ目的以外ニ使用シ又ハ賃借權ヲ讓渡スルコトヲ得ズ相續、營業讓渡、會社合併等ノ場合ニ於テモ甲ノ承諾アル場合ノ外本件賃借權ハ承繼セラザルモノトス

第十條、乙ハ其ノ業務上當然必要ナルトキト雖甲ノ承諾ヲ得ルニ非ザレバ賃借室ノ模様替、造作、建具及間仕切其ノ他賃

43306 showing photographic copies of the two pages of the lease for the laboratory storage room in Saitama building

乙、如何ナル場合ニ於テモ甲ニ對シ所謂權利金、有益費、必要費、又ハ移轉料ノ請求ヲ爲スコトヲ得ズ

溜池町一番地 産業獎勵會





43347

Similar, but slightly different
from picture # 43346.



43351

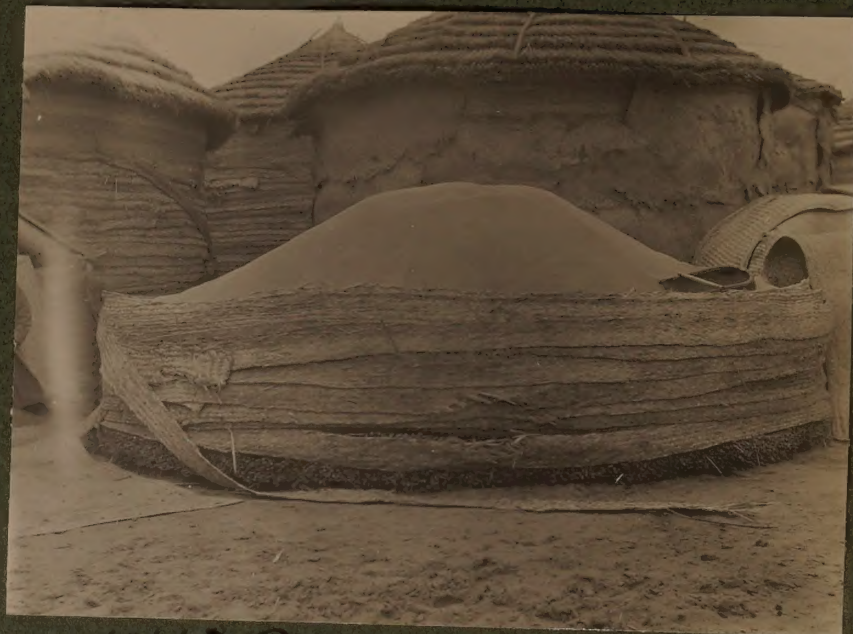
A close-by view of men and children
on a concrete base which overlooks
the bay. Hara Garden, Yokohama,
Japan.



143445 Between $\frac{1}{2}$ and $\frac{1}{4}$ life size picture of Adzuki bean candy. The round dark ones (preserved) Cherry blossoms imbedded in the top; the clam shaped Adzuki Candy wrapped in Cherry leaves (preserved). Lady finger cakes which processed Cherry blossoms, buds and stems.



44876 Despyror Kaki seems
 packed in a piece of Daikain (radish)
 root. January 31-1930.
 Received from the Tokyo-fu agric. Station



45115 Paucum Stalea mint
 May 10-1930. a partially cast-
 rested osier bin, which
 contains mint seed.

This is in the storage yard
 of a Chinese merchant
 at Ssu-ping-ka
 Manchuria



45243 Chinese fertilizer
pit in foreground. When
the water in the background
is mixed - different kinds
of manure are mixed with
soil. The water are about 18"
in diameter. Daren Man-
churia. June 5-1930

45264 Base and grinding
stone, operated either by human
or animal power - Kokaton
Manchuria, China
June 11-1930



#44527 A fairly close up of several manure packs of fuel brush from the mountains, Koka Island, Chosen.



#44534 Koreans standing in front of large bundles of soy beans, Koka island.



#44553 Fertilizer sharen, Chosen. The open sided straw thatched shed has stored under it litter for fertilizer.



#44577 Farm pack animal, Kokaishu, Chosen. A nearby view of a Korean farm animal and pack saddle in place.



#44578 View of a Korean farm animal eating boiled soy beans and chopped kaoliang



#44628 An elderly Korean making a rice strainer for a house-roof. Seishu, Chosen.



#44629 A man stepping from a row or pulled boat loaded with fuel. Seishu, Chosen.



#44630 Leaving the landing and starting up the trail well loaded with pine boughs used for fuel.



45560

Andropogon Sorghum, Kaoliang, Chin Chow, Manchuria. Our interpreter Mr. Suyitaki, trying to measure up to a field of Kaoliang about 12 feet high in region north of Chin Chow. About 10% of the heads of this field had smut.

Phaseolus Aureus, Mung bean, Hankow, Manchuria. Field of Mung beans and corn in same row but is alternate hills. Rows and hills about 21 inches apart. Corn sown May 1st and the beans about June 1st. Mung beans and adzuki beans are grown more extensively in this section than are soy beans.



45564



455651

Phaseolus aureus, Mung bean. Nankharui, Manchuria.
Field of corn and Mung beans in same row but in alternate
hills. Rows and hills are 20 inches apart. Corn planted about
May 1 and beans about June 1. Mung beans and adzuki beans
are sown extensively in this section.



45566

Setaria Italica, Millet, Hankow, Manchuria.

View of a large field of millet and also general view of farm section where principal crops are millet, Koshiang. Mung beans and adzuki beans.

45576. *Abutilon* sp. American jute. Near Yang Tsun, China. In the foreground men in the water to their waist stripping the fiber from plants which have been submerged in water for some ten days. In the background three piles of stalks from which fiber has been stripped.



Aug.
19-30



45-5-76

45575. *Abutilon* sp. American jute. Near Yang Tsun, China. Dried stems of plants from which fiber has been stripped. These are dried and used for kindling and fire wood. [45577 *Abutilon* sp. American jute. Near Yang Tsun, China. Stripping "Ching Ma" fiber and in the background beds of submerged bundles of the fiber plant.]



45-5-76



453-78 Abutilon sp. American jute, near Yang Tsun, China.
 A panoramic view of a portion of a local area near Yang Tsun where
 "Ching Ma" fiber is being processed and removed. The ridges in the water
 are where the fiber plants are weighted down with earth on each end to
 keep them submerged. A little to the right, natives are extracting the fiber
 at the extreme right the dried stems of the plants are picked to dry for fuel.

Aug 19-1950



45579 Abutilon sp. "Ching Ma." near Tientsin, China.
A panoramic view in a flooded area where Ching Ma fiber is being
processed and removed and the stripped plant stems are rished to
dry for fuel.



45580 Abutilon Avicennae, American guta. Near Yang Tsun, China. View of one side of a nice rack of good looking "Ching ma" fiber drying in the sun. This "Ching ma" fiber plant is said to produce 80 cathies, about 100 pounds, of fiber per acre. The long fiber sells at 14.00 local dollars per 120 cathies and 13.00 per the short fiber.



45581 *Abutilon* sp. American jute,
near Yang Tsun, China. The wet bundles
or hanks of "Ching Ma" fiber is first
spread on the ground and later put
on racks to dry.



45582 *Abutilon* sp. American jute
near Yang Tsun.
A nearby of a Chinese farmer with
several hanks or bundles of fresh
fiber over his arm.



45583 *Abutilon avicennae* Jute, near Yang Tsun, China.
 In the immediate foreground, beds of submerged "Ching ma" a little
 further back Chinese farmers stripping "Ching ma" fiber from
 the plants. In the background to the right, stems of Ching ma
 picked to dry.



45584 Abutilon avicenniae. American jute. Near Yang Tsung, China.
 A rather distant view of a portion of the submerged ground in this area.
 Near the center of this picture two Chinese farmers are piling earth on the
 ends (top and bottom) of the plants to submerge them. The area between
 the bank and men contains submerged piles of fiber plants.



45-5-85

Abutilon sp. American jute. Near Yang Tsun, China.
Mr. O. H. Darsett examining banks of freshly
stripped fiber in a pile on the ground.



455-86 Abutilon avicennae. American jute. Near Yang Tsun.
 Chinese farmers in water to their waist stripping fiber from the "Ching ma"
 plants. Note the hanks or bundles of freshly stripped fiber on the beddles
 of plants a little to the right of the center of the picture, and further back in
 the angle of tripods made of the stripped stems of Ching-ma.



45-587 Abutilon avicennae. American jute near Yang Tsun.
China. A fairly nearby view of Chinese farmers at work in water
from their knees to their waist. Stripping the fiber from the plants.



45590

Abutilon avicennae American jute, near Yang Tsun, China.
Tying into bundles the stems of "ching mo" to be picked
to dry for fire wood.



455-91 Abutilon vicinose. American type. Near Yang Tsun, China.
A fairly nearby view of long beds of submerged bundles of "Ching trees"
fiber plants and Chinese farmers in water from their knees to
their waist deep stripping fiber from the plants by hands.



45-5-9-2 Abutition conscience, American rule.
 Near Yang Jang, Chulbi, China. A nearby view of a portion
 of a typical "Chung wa" jiles. Part of its standing
 to the left.



455-93 *Abutilon* sp. near Yang Lou.
In the foreground are bundles of stripped
"Ching ma" stems ready for reeking
and drying. In the background are
men stripping "Ching ma" fiber.

Abutilon avicennae. American jute near
Yang Lou, China. A wealthy view
of racks of "Ching ma" stems drying
for fuel.



455-94



45575 Abutilon avicennae. American photo. near Yang Tsun, China. Stripping fichen from "Ching trees" like the fore-ground, the submerged bundles of the fichen plants have been released and from the floating plants the Chinese farmers in the background are stripping the fichen.



45596

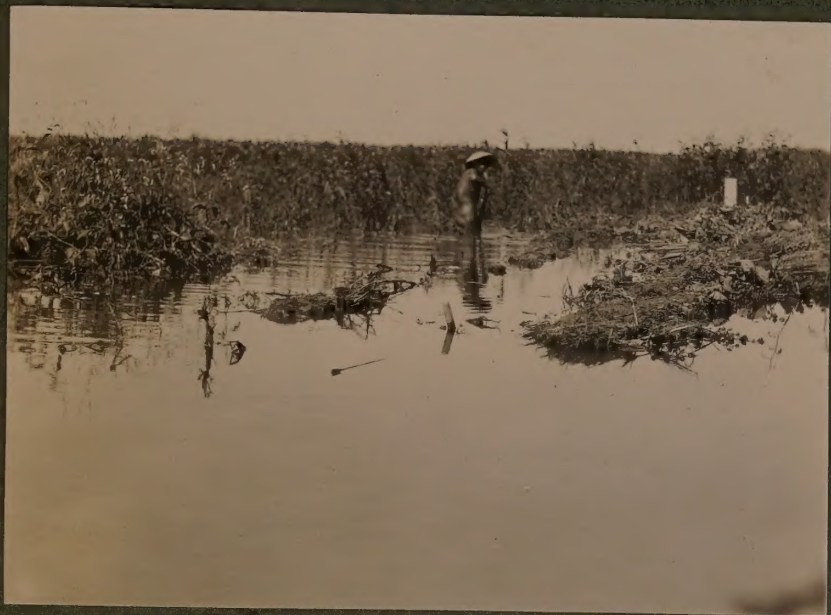
Apulosa avicennae. American jute. Near Yang Tsun, China.
In the foreground the Chinese farmer is bundling stems of
"Ching ma" to be ricked for drying.



455-97 Abutilon avicennae. American gate. near Yang Tsun.
Chihli, China. Ricks of "Ching ma" fibers and the stems of the plants
drying in the sun along a narrow run-way.



45598 *Abutilon avicennae*. American jute. Near Yang Tsun, China.
View from near the railroad over a portion of low overflow land where
Chinese farmers in water to their waist are engaged in stripping fibers
from the plants. At the left near the water's edge are four racks of "ching
ma" fiber plant stems which when thoroughly dry are used for bundling
and fire wood.



45599 Abutilon suicunense American
Jute. Near Yang Tsun, China. A fairly
nearby view of a Chinese farmer who is
weighing down piles of bundles of fiber
plants to hold them submerged. They are
kept submerged for some two days or so.



45600 Abutilon suicunense Jute.
Near Yang Tsun, China. A fairly
nearby view of a portion of a planting
of this fiber plant. This is the late
variety, on land which is over-
flowed. Seed sent in #7070



45601 *Abutilon* sp. near Yang Lam.
Early variety of "Ching ma" seed sent in #7069



45603 *Abutilon* sp. near Yang Lam.
Pulling Ching ma plants.



45602 *Abutilon* sp. near Yang Lam.
Chinese farmer pulling Ching ma plant.



45604 *Abutilon* sp. near Yang Lam.
Stripping fiber from floating fiber plants.



45605 Abutilon avicennae, Jute, near Yang Tsun, China. Bundles of stems of "Ching ma" piled along road sides and on the side of a bridge. Drying for kindling and fire wood.



45606 Abutilon avicennae, Jute, near Yang Tsun. A nearby view of a pile of "Ching ma" fiber plants, the upper layer of which is now out of water owing to the fact that the water level of the canal has fallen.



45607 Abutlon avicunsee, American gate, near Yang Tsun, China.
 A nearby and rather distant view of Chinese farmers in water almost waist
 deep at work, except for two boys who are wondering what is happening
 stripping fibers from plants of "Ching ma".



45608 *Abutilon avicennae*. American jute. Near Yang Tsun, China. This view shows the long pile of "ching ma" fishing plants from the reverse end of that shown in picture #45610. It will be noted that at the near end of the pile a stack has been made to pile earth on the ends of the bundles of plants in order to submerge them.



45609 *Abutilon avicennae*. American jute, near Yang Tsun.
China. Long ribs of "ching ma" fiber drying in the sun.



45610 *Abutilon avicennae*. American fute. Near Yang Tsun,
China. Showing a portion of a long pile of "Ching Ma" fiber plants
ready for submerging.



45611 *Astragalus* *americanus*. American ginseng near Yang Tsun.
 A nearby view of bales and a long rack of stems of "Ching mba". When
 dry, this material is used for kindling and fire wood.



45612 Abutilon sp. near Yang Tsun. Peter Lin getting information of Ching ma.



45614 Abutilon sp. Ching ma stems drying along river banks Yang Tsun.



45613 Abutilon sp. jute. near Yang Tsun. Unloading ching ma plant for submerging.



45615 Abutilon sp. jute. Yang Tsun. Ching ma fibers drying in the sun.



45-616
Abutilon sp. American gate. near Yang Tsun.
View along a bank of the Canal where the
fiber and stems of "Ching-ma" in abundance
are drying in the sun.



45-617 Personal. A part of
the U.S. Agricultural Expedition en route
from Peiping to Hankow and the Great
Wall. Right to left: Bobbie Darrett,
Oster Lee and the other gentleman is
a Japanese whom we do not know.



45618

Lespedeza sp. Near Great wall. This semi-prostrate variety apparently flowers and fruits in abundance in this region. Herbarium specimen sent in numbered #7092.



45622

Lespedeza sp. Near Great wall. A nearby view of flowering branched of a very free flowering species. Herbarium specimens #7092.



45625 Green Manure compost bed.
near Tung Tomb.



45627 Green Manure. Near Nankow.



45626 Green Manure Tai Ping Chuang
Chinese farmer digging chopped green



45628 Green Manure Tai Ping Chuang
cutting weeds and shrubs for green



456 29 Green manure. Tai Ping Chuang.
Chinese farmers cutting green plants (grass).



456 33 Tiffin. Near Ning Tomb, China.
A portion of the U. S. Agricultural

x vitex, and other plants) into small pieces
to be dug into the compost pile for top
dressing the land for next years crop.

x Expedition at Tiffin, at Nine dragon pool
en route from Hankow to Ning Tomb.
Left to right; Yen, (seed cleaner) Lin, (interpreter)
Bobby Darrell, (assistant)



456 48

45651 Tiffin out of dogs. Nanshan, China.
A portion of the U.S. Dept. of Agriculture Ex-
pedition at Tiffin en route from Ming Tomb
to Lang Shan on their way back to Peking.



45649 *Soja ussuriensis*. Wild
soy bean. View from the wild soy bean plants
growing along road side on out skirts of Keijo.
These plants appear different from wild soy bean
found in Manchuria and Japan. The leaves
are larger and of somewhat different shape.
The plants, however, are ~~deciduous~~ ^{deciduous} and are
now just about past full bloom.



45651



45652 Camp life Nan Shan, China.
Tiffin in open air, en route from Ming
Tomb to Lang Shan.



45689 Chasen. View of bundles of Kudzu vines [about 5 feet long] curing in the sun. when cured these vines are used in making baskets, tea pots, etc., and also in the binding of bamboo armaments.

45689 *Tauraria thunbergiana*. Kudzu Kijor



45694 *Hesperedya* sp. Near the Altar of the Temple of Heaven. Near by view of a few branches of a decumbent very free flowering species. Leaves small, flowers, white.



45693 *Mutilotus* sp. Taken in the enclosure of the Temple of the Imperial Ancestors. Mr. Dorsett and Loo collecting seed which goes in under our field # 9126.



45695 *Astragalus* sp. near
the altar of the Temple of Heanew.
Mr. Darrett speculating as to
when the seed are likely to be ripe.
This species is fairly abundant
in the Temple of Heanew grounds.



45696 *Lespedeza* sp.
One of the circular walls of
the altar of Heanew as a
back ground. A nearby
view of branches of what
we call "button *Lespedeza*".
The seed production seems



45697 Undetermined
A nearby view of fruiting
branches of plants at the temple
of Heanew grounds where it
grows abundantly. we have
seen a little elsewhere but
not much. See 9 H. B. 555!
The buttons about the base
We suspect that only female

flowers for in some instances we find seed not only in
of the branches but also in the seed flowering spikes.
flowers are produced when the buttons occur.



45698 *Cucumis* sp. Temple of
Heaven grounds. A nearby of a
portion of this flowering vine. Takers
were sent in under #7044 and H. B.
Specimens under same number. Seed
was #7258.



45724 *Lespedeza* sp. Botanical Garden,
Peking, China. A nearby picture of a
very nice specimen plant of the very
narrow leaved species. See herbarium
specimen #7093. This makes quite a
nice ornamental.



45731 Abutilon sp. "Ching ma"
Tang shau station, China. Showing a portion
of two car loads of dried stems of this plant.
Perhaps en route to some large city for
kindling wood. There were three car
loads on this freight. Sept 5-1930



45732 Abutilon sp. "Ching ma"
Tang shau station China. View of the
north side of three car loads of
the dried stems of this fiber plant.
Possibly on its way to some city for
kindling wood.



45748 Desmodium sp. (?)
Changli, Chilli, China.

A nearby of a single fruiting
plant of what we believe may be a Desmodium sp.
See herbarium specimen #7143 also picture #45757



45749 Market day. Neys, Chosen.
The pig section on Korean market
day. Young porkers are brought to market
in rope baskets - 6 per basket. Pigs are about
6 weeks old.



45753 Gossypium sp.
Cotton, Heijo, Chosen. Native cotton on
sale on Korean Market day.



45757 Desmodium sp. (perhaps)
Chongli, Chihli, China. A nearby view
of a cluster of fruiting plants. Seed and
herbarium specimens sent in under #7143.
See picture #45748.



45760 Police. These are the two Changli police who accompanied us for a day's trip in the hills. It rained most of the day too.



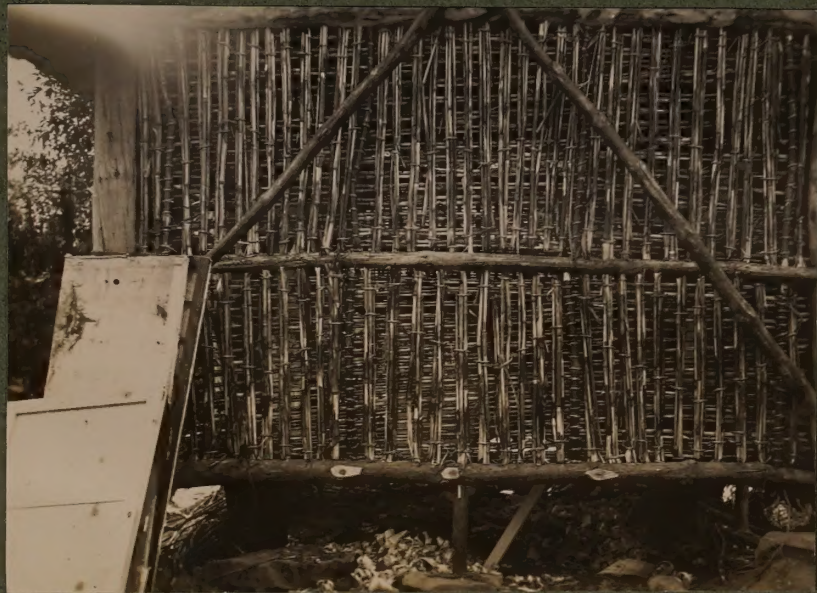
45761 Group picture, Changli, China. Left to right, Yen, police, Lee, donkey boy, police. As you see, the 2 and 5 men are the two Changli police who went with us on a rainy day's trip in the hills.



45764 Kooliang, west of Hyejo, Chosen.
Kooliang stalks used for roof cover



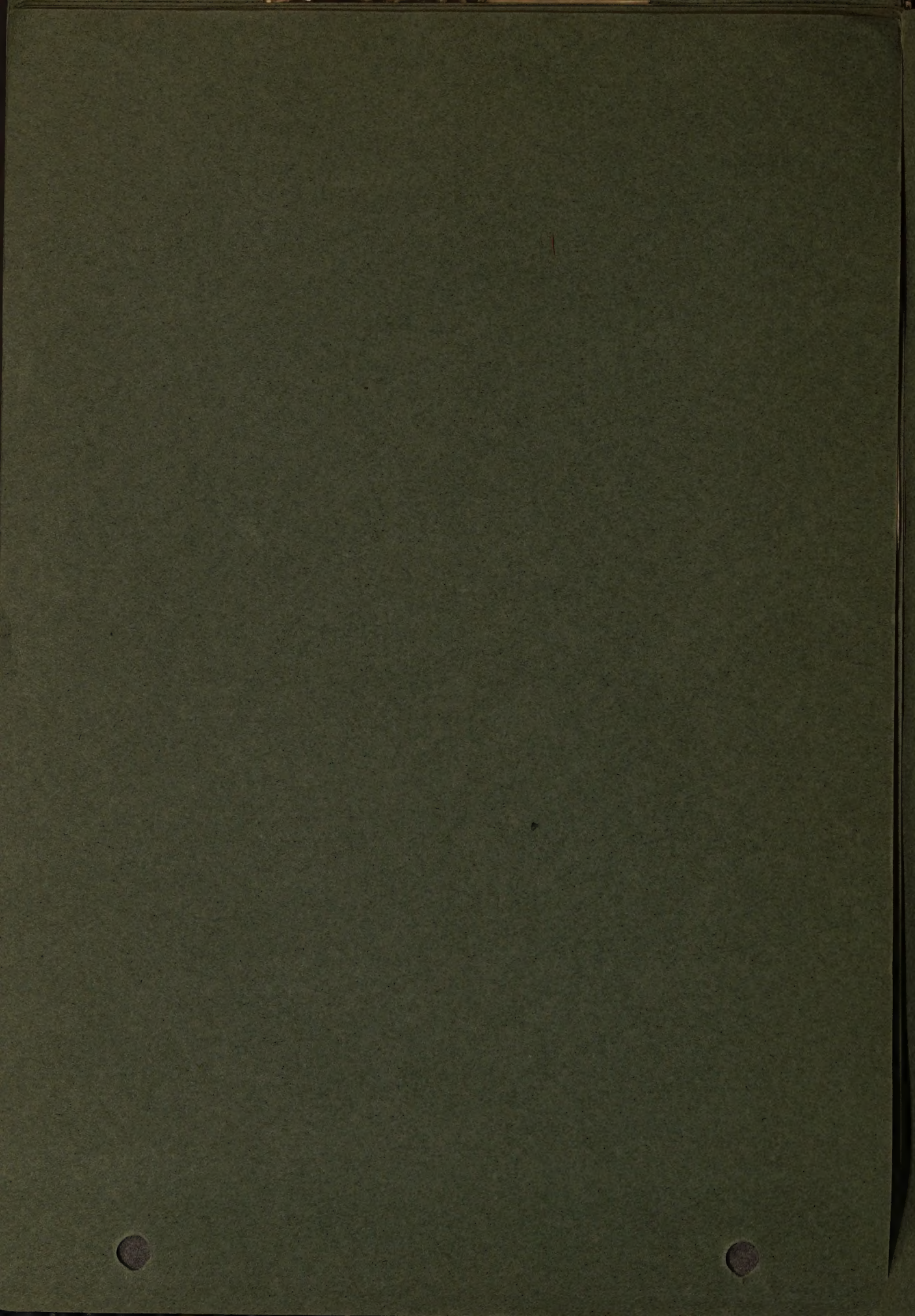
45766 Kooliang, west of Hyejo, Chosen.



45765 Andropogon Sorghum Kooliang
west of Hyejo, Chosen. Stalks of Kooliang used
for siding.



45767 Cattle market day, west
Hyejo, Chosen.





45768

General view, West Hujio, Chosen
 Animal market held under supervision of Daido County Agriculture
 Society. Animal market day is held every fifth day and more
 than 1000 cattle are sold or traded monthly either for beef or work
 animals.



Hackberry. 45797 Celtis sp.
Summer Palace
grounds, Peking. A nearby view of a
fruiting branch. Seed of this was collected
and sent in under our field number #7165



45808 Zoysia pungens var japonica
Jidari, Chosen. Close-up view of one of the
greens on the Keijo Golf Club course. The
green is Zoysia sod which makes a
better fairy way than green.



45-809 Joysia pungens var. japonica.
Jidari, Chosen. View of Green on the course
of the Keijo Golf Club. The true greens
of the course have Joysia sod which
makes rather a rough green.



45-810 Joysia pungens var. japonica. Jidari. General view of
portion of Keijo Golf Club Course
looking toward the club house. The
mounds are Korean graves. The
sod is mostly Joysia which makes
a better fairway than green.



45811 *Zoysia pungens* var *japonica* J. Adans. Choisy.
General view of the 9 hole course of the Heijo Golf Club. *Zoysia pungens*
occurs quite generally over the course and is used for the greens.



45-812 Silo, Ryajo, Chosen.
Cement silo on Korean farm near
Ryajo. Silo is 6' deep and 5' in diameter.
It extends about 12" above ground and
holds about 6,000 pounds of silage.
Chopped corn (without the ears) alfalfa,
and weeds are mostly commonly
used. Wooden cover on silage is
weighted with stones.



45-813 Korean silo, Ryajo,
Chosen. Cement pit silo is 6' deep 5' in
diameter and the wall 4" thick. It holds
6000 pounds of silage which lasts one
or from 3-4 months. Corn, alfalfa,
and weed legumes and weeds are
used for silage.



45-814 Korean farm manure pit. Ryōgo
 Manure pit where manure is stored forked over. The
 County Agricultural Society is encouraging the farmers
 to build pits and offers prizes to the ones having the best kept pits
 and manure piles.



46226 Apiary. Bee hives, Hsiang Tang village, in the foot hills some 25 miles to the north of Peking, Chihli, China. A nearby view of two Chinese apiculturists among their bee hives.



46229 Hsiang Tang village, Chihli, China. In the foot hills some 25 miles to the north of Peking. A typical village fare in China.



46 230 Home of Mr. Chu Li'chi on the right and his second brother on the left, with their 82 year old mother between them. We have our recording thermometer in the persimmon storage yard of Mr. Chu. He has 500,000 to 1,000,000 persimmons bedded down in the open. Village of Hsiang Tang, Chukli, China some 25 miles north of Peiping.



46110 Undetermined Legume, Peiping, China.
 Practically a life sized picture of a small number of
 fruiting branches of the Undetermined legume, with small
 pea like pods and bronze flowers which we located
 at Tang Shan and collected seed which went in under
 our # 7119



46111 *Vicia* sp. Vetch. Tsingping, Chukto China.
 Almost a life sized picture of branches of an undetermined
 vetch secured at Lung Shan. Seed of this species collected
 with these specimens and sent to Washington under
 our # 7178. The leaves have dried and curled, the pods,
 when ripe, turn black.



46049 Undetermined Pea pod legume
Sang shau Park



46075 Hand irrigation, Chung Ling
village near Peking.



46050 Undetermined Pea pod legume, Sang shau.



46076 Hand irrigation, Chung Ling
village, near Peking.



46090 Grass. Dairen, Manchuria. bundles
of grass at Chinese junk wharf. This grass is



46098

used in place of cloth in the soybean
oil presses.



46099 Medicago, Lang shan
Park, China. Plants of a wild Medicago sp.
collected in Lang shan Park.

46098. Phaseolus aureus. Mung bean.
Lang shan, China. Bundles of mung
bean vermicelli and noodles on sale
at a street market stand.



46023 Peanut harvest, Nanzaukai village,
Manchuria.



46043 Truck garden fertilizer
Taken on top of the City wall, Peking



46042 Josephine Fuqua, Peking
on top of Tatar City wall



46044 Camels from Tatar
City wall, Peking, China



46045 Camels. View from
the Tartar wall. Peiping. of a
Camel caravan being loaded
with coal.

46046 Sesamum of Ping Tang
village, China. View of bundles of
sesame awaiting thrashing. This
is the source of one of the important
cooking oils of the Orient.

one a portion of the Legation Quarter as a result of this snow storm, we know one persimmon storage man at Weiang Tang, in the foothills, some 25 miles north of Peiping, who lost

20,000 or more persimmons.

They froze on the tree and three or four weeks after they were in the open air storage beds, they turn a dirty brown through frost and get soft.



46152 Adespegia cuneata.
Botanical Garden outside of Peiping, China.
A nearly full seed basket of a species 18" to 20" in height, collected in the garden seed numbered #7440.

46155. Landscape. From a window of the Grand Hotel des Wagon Lits, Peiping. Taken to show a number of the snow covered richshas along the curbing of the little park in front of this Hotel.



46154 Landscape, from a window in one of our rooms, in the Hotel, Peiping. View to the N.W. x



46155



Left Hotel Piping. An extremely early snow fall for Piping. It caused considerable damage to telegraph & phone wires and also to trees. View to west along Legation street.

46156 Landscape. From a window in Wagon



46225 Apiary, Chinese Apiary and apiculturists. Hsiang Lung village, China. Hives plastered over with clay and straw mortar and covered with straw mats.



46199a Near Pa La Chu, Western Hills, to the west of Piping, China. J. H. Darsett and his Chinese interpreter, Peter Lee, on the trail.



45820 Castanea Mollissima. Chestnut. In the mountains
along the trail from Sang Shan to Fa Hua Ssu. This is fine specimen
tree and well loaded with fruit. See pictures # 45821-22-23.



5850

45821 Castanea mollissima, Chestnut
En route from Tang Shan to Ta Hwa Ssu. In the mountains
just off the trail. See pictures # 45820-22 and 23



45823 *Castanea vesaliensis*, Chestnut,
 A fairly large tree of a portion of the trunk and larger
 limbs of the tree shown in picture # 45820-21 and 22,
 this tree branching is quite characteristic of the *Castanea*
chestnut and none seen it in the trunk.



45822-2 Castanea mollissima, Chestnut.
A nearby fruiting branch of the tree shown in pictures
45822-21, 23. The chestnuts are large, of good color,
quite sweet and of very good quality.



45825 Andropogon Sorghum
 Susu (Korean); Kaolants (Chinese)
 Ritsuri, Chosen. View showing the method the Koreans cure Susu in shocks. After curing the heads are cut off and threshed.



45826 Brassica sp. Chinese Cabbage
 Ritsuri, Chosen.
 View of a Chinese cabbage garden in trucking section. This cabbage is used in making a Korean native relish called "Kimchi".



HS 833

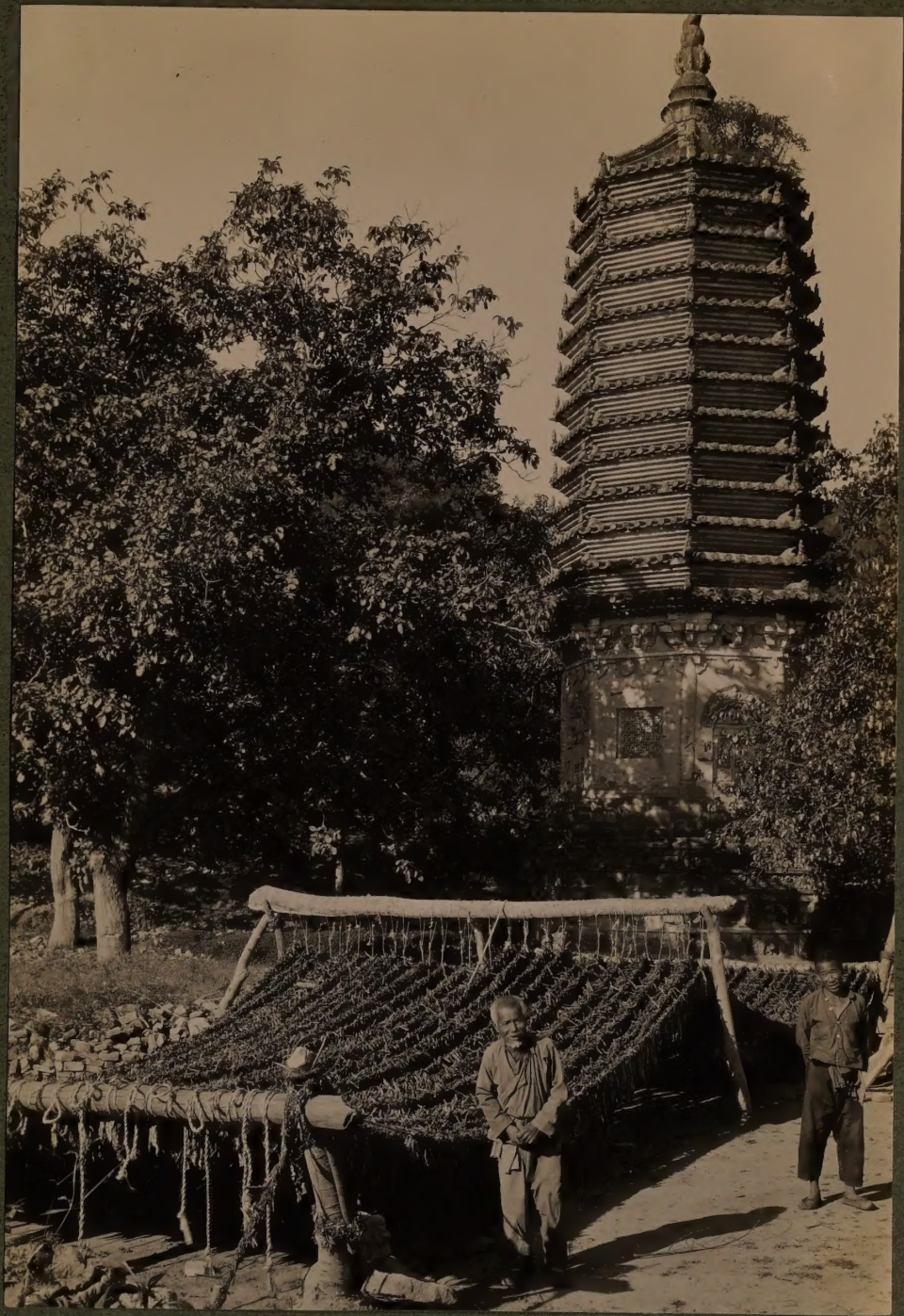
Juglans sp. La Hua San, China. A deaf and
dumb priest among walnuts in the drying
yard of the temple. He is a pathetic good natured
old man.



45834 *Juglans regia*. Walnut. Fa Hua San, Cocenting wal
nuts for sacking. Walnuts in this region sell on the tree at max. \$25.00 per
10,000 nuts. 5000 nuts sacked weigh about 114 cattie, about 142 pounds.
These and other walnuts we have seen in China are seedling run and
consequently more or less irregular in grade.



45840 *Nicotiana* sp. Tobacco Fa Shua Ssu.
 A nearby view of a portion of the drying rack. This view shows
 how the base of the leaves are twisted into the rope to hold them
 suspended for drying.



45841 *Nicotiana* sp. Tobacco La Hua San,
 Some 60 miles to the northwest of Peiping. A slightly
 different view of a portion of the tobacco drying frame at
 the old temple in the mountains



45847 Undetermined
Twisted ropes of a weed
which when dried in this
way is burned to drive
grasscutters from Chinese
homes. H. B. Specimen #7224



45864 Great wall of China
at Nankow pass. Mr. O. H.
Barnett meditating over the
possibilities and impossibil-
ties of making a trip along
the top of this remarkable wall
from the end to the other, a
distance of some 1500 miles.



45880 Astragalus sp. A nearby
view of a well seeded plant in
the grounds of the Temple of Heaven.
A nice lot of seed of this species
was secured and sent in
under our #7172. It looks
promising.



45-893

Panicum italica. Millet. Pitsuri.
Chosen. Cutting off heads of millet
plants in Korean farm yard. The heads
are dried in the sun for a few days and
then threshed out.



45-896

Landscape. A portion of the D. & M. Expedi-
tion crossing the Han River, near the
village of San Tso Chiao, Chihli, China,
just before reaching the west bank
of the river.



45897 A portion of the D & M. Agri. Expedition crossing the Nam River.



45905 Korean baskets made of Respediza stems.



45898 Lunch at the village of San Sao Chiao.



45915 Along the trail en route from Chieh Tai San to San Chon San, a portion of D & M. Agri. Expedition.



4593 Andropogon. Sorghum
Kaoliang. Kai Yuan, Manchuria. Small
rick of Kaoliang heads curing along
side of threshing ground on farm near
Kai Yuan.



45947 Zea Maiz. Corn.
Makaton, Manchuria. Native
Manchurian Corn sheller that
shells one row at a time Mr. Suptaki
showing how to use it.



45-975 *Juglans sp.* English walnut. Peking, China. To the left are fresh hulled walnuts, in center, fried walnuts and to the right are unshelled walnuts. The Chinese called the fried nuts "Cha Ho Tao Jen" meaning "fried walnut kernels". The unfried are called "Ho Tao Jen". The fried nuts cost mex. 56 cents per catty. This is a good product which perhaps would be popular at home.



45976 *Prunus armeniaca*, *Juglans regia* and *Glycyrrhiza glabra*
 Peiping, China. To the left, are sweet kernel apricots (Chinese almonds), center, dried
 walnut kernels; right, ginkgos which have been processed in honey and called "Honey
 Ginkgos". The Chinese name for sweet apricot kernels is "Ta Hsin Hsing Jen" meaning
 "large flat apricot kernels". Secured in the East market, price 1.00 mex. per
 catty. Used as a dry nut at a Chinese feast.



45978 Dalichos lablab. Bonavist,
Hyacinth or Chinese flowering bean. Ashozan,
Manchuria. Close-up view of Bonavist
growing along a stone wall in a small
Manchurian farm village. The Bonavist
is used as a green vegetable bean and
also as a dry bean.



45979 Dalichos lablab. Bonavist,
Hyacinth or Chinese flowering
bean. Ashozan, Manchuria. View
showing the Bonavist growing along
a stone wall in a farm village. The
Bonavist is used as a green vegetable
bean and also as a dry bean.

